

ER-2 #806 06/17/16

Aircraft:

[ER-2 #806](#) ([See full schedule](#))

Flight Number:

16-6029

Payload Configuration:

AVIRIS-C and MASTER

Nav Data Collected:

Yes

Total Flight Time:

8.1 hours

Comments:

806 took off at 0933L and landed at 1736 for an 8.1 hour flight duration. There were no fault lights with instruments today. The targets were the HypsIRI Santa Barbara Box and the low altitude SARP SB lines. The INS also worked great today. The SW corner of the box had clouds. Early in the flight Tim said he was surprised how little smoke there was from the "Sherpa" fire (near Rincon State Beach). The fire seemed insignificant. However, later in the flight the smoke really expanded. Tim estimated that because of smoke, the sky was 90% clear. It was 100% sky clear in the Central Valley (Bakersfield area).

Submitted by:

Kevin Walsh on 06/23/16

Flight Segments:

From:	PMD	To:	PMD
Date:	06/17/16		
Flight Time:	5.1 hours		
Log Number:	162034	PI:	Robert Green
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		

From:	PMD	To:	PMD
Date:	06/17/16		
Flight Time:	3 hours		
Log Number:	162028 - Completed as of this flight.	PI:	Melissa Yang Martin
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	162034	172036
Flight Hours Approved in SOFRS	45	
Flight Hours Previously Approved		9.9
Total Used	35.1	46.6
Total Remaining		-36.7

172036 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
06/07/17	17-6039	Science	5.7	5.7	4.2
06/09/17	17-6040	Science	3.1	8.8	1.1
06/12/17 - 06/13/17	17-6041	Science	7.6	16.4	-6.5
06/13/17	17-6042	Science	6.6	23	-13.1
06/14/17	17-6043	Science	5.8	28.8	-18.9
06/20/17	17-6044	Science	5.3	34.1	-24.2
06/22/17	17-6045	Science	5.2	39.3	-29.4
06/28/17	17-6047	Science	7.3	46.6	-36.7

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Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

162028 Flight Reports					
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
06/17/16	16-6029	Science	3	3	5
					162028
Flight Hours Approved in SOFRS					8
Total Used					3
Total Remaining					5

162034 Flight Reports					
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
06/09/16	16-6026	Science	4.7	4.7	40.3
06/15/16	16-6027	Science	3	7.7	37.3
06/16/16	16-6028	Science	7.6	15.3	29.7
06/17/16	16-6029	Science	5.1	20.4	24.6
06/20/16	16-6030	Science	6.6	27	18
06/21/16	16-6031	Science	8.1	35.1	9.9